

Amendments to the Claims

1 Claim 1 (currently amended): A method of improving installation of software packages,
2 comprising steps of:

3 defining an object model representing a plurality of components of a software installation
4 process, wherein the defined model enables specifying conditional installation information for
5 the components; [[and]]

6 populating the object model to describe a particular software installation package,
7 wherein the conditional installation information is populated with information to describe
8 conditional installation scenarios;

9 using the conditional installation information of the populated object model during an
10 installation of the particular software installation package to determine whether the installation
11 should be performed; and

12 performing the installation if so, and programmatically suppressing the installation
13 otherwise.

Claim 2 (canceled)

1 Claim 3 (currently amended): The method according to Claim 1, further comprising the step of
2 instantiating a plurality of objects according to the defined object [[mode,]] model, each of the
3 instantiated objects corresponding to a selected one of the components of the software
4 installation process, and wherein the populating step populates the instantiated objects.

Serial No. 09/879,694

-9-

Docket RSW920000177US1

1 Claim 4 (currently amended): The method according to Claim 3, wherein the instantiated objects
2 are **JavaBeans reusable software components**.

1 Claim 5 (currently amended): The method according to Claim 1, wherein the conditional
2 installation information comprises a suite-level conditional installation **component element**.

1 Claim 6 (original): The method according to Claim 1, wherein the conditional installation
2 information comprises one or more software component-level conditional installation
3 components.

1 Claim 7 (currently amended): The method according to Claim 1, wherein the conditional
2 installation information comprises a suite-level conditional installation **component element** and
3 one or more software component-level conditional installation components.

1 Claim 8 (currently amended): The method according to Claim 7, further comprising the step of
2 evaluating the suite-level conditional installation **component element** and/or the one or more
3 software component-level conditional installation components as preconditions to installing a
4 corresponding one of the components of the particular software installation package.

1 Claim 9 (currently amended): The method according to Claim 7, further comprising the step of
2 evaluating the suite-level conditional installation **component element** and/or the one or more
3 software component-level conditional installation components as preconditions to downloading

Serial No. 09/879,694

-10-

Docket RSW920000177US1

4 and installing a corresponding one of the components of the particular software installation
5 package.

1 Claim 10 (original): The method according to Claim 1, wherein the conditional installation
2 information comprises an executable code module.

1 Claim 11 (original): The method according to Claim 1, wherein the conditional installation
2 information comprises a reference to an executable code module.

1 Claim 12 (original): The method according to Claim 3, further comprising the step of caching
2 one or more of the plurality of instantiated objects.

1 Claim 13 (original): The method according to Claim 12, wherein the caching step further
2 comprises the step of avoiding downloading of the cached ones of the plurality of instantiated
3 objects.

1 Claim 14 (currently amended): A system for improving installation of software packages,
2 comprising:
3 means for defining an object model representing a plurality of components of a software
4 installation process, wherein the defined model enables specifying conditional installation
5 information for the components; [[and]]
6 means for populating the object model to describe a particular software installation

Serial No. 09/879,694

-11-

Docket RSW920000177US1

7 package, wherein the conditional installation information is populated with information to
8 describe conditional installation scenarios;

9 means for using the conditional installation information of the populated object model
10 during an installation of the particular software installation package to determine whether the
11 installation should be performed; and

12 means for performing the installation if so, and for programmatically suppressing the
13 installation otherwise.

Claim 15 (canceled)

1 Claim 16 (original): The system according to Claim 14, further comprising means for
2 instantiating a plurality of objects according to the defined object mode, each of the instantiated
3 objects corresponding to a selected one of the components of the software installation process,
4 and wherein the means for populating populates the instantiated objects.

1 Claim 17 (original): The system according to Claim 16, wherein the instantiated objects are
2 objects in a scripting language.

1 Claim 18 (currently amended): The system according to Claim [[1,]] 14, wherein the conditional
2 installation information comprises a suite-level conditional installation ~~component~~ element and
3 one or more software component-level conditional installation components.

Serial No. 09/879,694

-12-

Docket RSW920000177US1

1 Claim 19 (currently amended): The system according to Claim 18, further comprising means for
2 evaluating the suite-level conditional installation component element and/or the one or more
3 software component-level conditional installation components as preconditions to downloading
4 and installing a corresponding one of the components of the particular software installation
5 package.

1 Claim 20 (original): The system according to Claim 14, wherein the conditional installation
2 information comprises an executable code module.

1 Claim 21 (original): The system according to Claim 14, wherein the conditional installation
2 information comprises a reference to an executable code module.

1 Claim 22 (original): The system according to Claim 16, further comprising means for caching
2 one or more of the plurality of instantiated objects.

1 Claim 23 (original): The system according to Claim 22, wherein the means for caching further
2 comprises means for avoiding downloading of the cached ones of the plurality of instantiated
3 objects.

1 Claim 24 (currently amended): A computer program product for improving installation of
2 software packages, the computer program product embodied on one or more computer-readable
3 media and comprising:

Serial No. 09/879,694

-13-

Docket RSW920000177US1

4 computer-readable program code means for defining an object model representing a
5 plurality of components of a software installation process, wherein the defined model enables
6 specifying conditional installation information for the components; [[and]]

7 computer-readable program code means for populating the object model to describe a
8 particular software installation package, wherein the conditional installation information is
9 populated with information to describe conditional installation scenarios;

10 computer-readable program code means for using the conditional installation information
11 of the populated object model during an installation of the particular software installation
12 package to determine whether the installation should be performed; and

13 computer-readable program code means for performing the installation if so, and for
14 programmatically suppressing the installation otherwise.

Claim 25 (canceled)

1 Claim 26 (original): The computer program product according to Claim 25, further comprising
2 computer-readable program code means for instantiating a plurality of objects according to the
3 defined object mode, each of the instantiated objects corresponding to a selected one of the
4 components of the software installation process, and wherein the computer-readable program
5 code means for populating populates the instantiated objects.

1 Claim 27 (currently amended): The computer program product according to Claim 26, wherein
2 the instantiated objects are structured documents.

Serial No. 09/879,694

-14-

Docket RSW920000177US1

1 Claim 28 (currently amended): The computer program product according to Claim 24, wherein
2 the conditional installation information comprises a suite-level conditional installation
3 component element and one or more software component-level conditional installation
4 components.

1 Claim 29 (currently amended): The computer program product according to Claim 28, further
2 comprising computer-readable program code means for evaluating the suite-level conditional
3 installation component element and/or the one or more software component-level conditional
4 installation components as preconditions to installing a corresponding one of the components of
5 the particular software installation package.

Claim 30 (canceled)

1 Claim 31 (original): The computer program product according to Claim 24, wherein the
2 conditional installation information comprises an executable code module.

1 Claim 32 (original): The computer program product according to Claim 26, further comprising
2 computer-readable program code means for caching one or more of the plurality of components.

1 Claim 33 (original): The computer program product according to Claim 32, wherein the
2 computer-readable program code means for caching further comprises computer-readable

Serial No. 09/879,694

-15-

Docket RSW920000177US1

- 3 program code means for avoiding downloading of the cached ones of the plurality of
4 components.

Serial No. 09/879,694

-16-

Docket RSW920000177US1